

PROJECT SPECIFICATION FORMAT FOR CONTRACTORS

TABLE OF CONTENTS

DIVISION 01 – GENERAL REQUIREMENTS

SECTION NUMBER	SECTION TITLE
01000	Administrative Provisions
01010	Summary Of Work
01015	Supplementary Conditions
01016	Special Conditions
01020	Allowances
01045	Cutting And Patching
01046	Chases, Openings And Inserts:
01049	Coordinated Drawings
01051	Field Engineering
01340	Shop Drawings, Product Data And Samples
01341	Submittal Register
01370	Schedule Of Values
01380	Construction Photographs
01400	Quality Control
01410	Inspection And Testing Services
01420	Soil Inspection And Testing
01421	Inspection Of Piped Site Utilities
01435	Testing Of Cast-In-Place Concrete:
01436	Inspection Of Cast-In-Place Concrete:
01443	Inspection And Testing Of Asphaltic Concrete
01450	Testing Of Structural Steel And Steel Stud Shear Connectors
01451	Inspection Of Structural Steel And Metal Decks:
01500	Construction Facilities:
01540	Security And Accidents
01550	Contractor, Subcontractor And Vendor Parking
01560	Environmental Protection
01580	Project Identification And Signs
01600	Materials And Equipment Storage
01630	Product Substations
01650	Starting Of Systems
01661	Testing And Balancing Of Mechanical Systems:
01700	Contract Closeout And Acceptance Procedures
01710	Cleaning
01720	Project Record Documents:
01730	Owner Operation And Maintenance Manual:
01740	Warranties And Bonds:
01950	Commissioning of the HVAC System

DIVISION 02 - SITEWORK

SECTION NUMBER	SECTION TITLE
02070	Selective Demolition
02085	Removal and Disposal of Asbestos Material
02085A	Asbestos Control Program
02090	Lead Based Paint Abatement

02100	Site Preparation
02156	Underpinning
02200	Earthwork
02510	Asphaltic Concrete Paving
02511	Portland Cement Concrete Paving
02580	Pavement Marking
02720	Site Storm Sewer System
02730	Site Sanitary Sewer Systems
02930	Lawns And Grasses

DIVISION 03 - CONCRETE

SECTION NUMBER	SECTION TITLE
03100	Concrete Formwork
03200	Concrete Reinforcement
03250	Concrete Accessories
03300	Cast-In-Place Concrete:
03345	Concrete Flatwork Finishing

DIVISION 04 - MASONRY

SECTION NUMBER	SECTION TITLE
04200	Unit Masonry
04270	Glass Unit Masonry

DIVISION 05 - METALS

SECTION NUMBER	SECTION TITLE
05030	Flouropolymer Coatings
05120	Structural Steel
05310	Metal Roof Deck
05320	Metal Floor Deck
05325	Steel Stud Shear Connectors
05400	Cold-Formed Metal Framing
05500	Miscellaneous Metal:
05510	Metal Stairs
05700	Ornamental Metal

DIVISION 06 – WOOD AND PLASTIC

SECTION NUMBER	SECTION TITLE
06100	Rough Carpentry
06200	Finish Carpentry

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

SECTION NUMBER	SECTION TITLE
07121	Fluid-Applied Waterproofing
07210	Building Insulation
07240	Exterior Insulation And Finish System
07270	Firestopping
07311	Asphalt Shingles
07532	Single-Ply EPDM Roofing, Fully-Adhered

07600	Flashing And Sheet Metal
07620	Metal Fascias And Coving
07800	Roof Accessories
07900	Joint Sealants

DIVISION 08 – DOORS AND WINDOWS

SECTION NUMBER	SECTION TITLE
08100	Custom Hollow Metal Work
08305	Access Doors
08330	Coiling Doors
08410	Aluminum Entrances And Storefronts
08520	Aluminum Windows
08712	Finish Hardware
08800	Glazing

DIVISION 09 - FINISHES

SECTION NUMBER	SECTION TITLE
09260	Gypsum Wallboard
09300	Ceramic Tile
09510	Acoustical Ceilings
09665	Resilient Sheet PVC Flooring
09690	Carpet Tile
09801	High-Performance Coatings
09802	Reinforced Resinous Wall Finish
09900	Painting And Finishing

DIVISION 10 - SPECIALTIES

SECTION NUMBER	SECTION TITLE
10160	Metal Toilet Compartments
10200	Louvers
10260	Wall And Corner Guards
10430	Exterior Signs
10440	Interior Signs
10500	Lockers
10520	Fire Extinguishers And Cabinets
10601	Wire Mesh Partitions
10800	Toilet Accessories

DIVISION 11 - EQUIPMENT

SECTION NUMBER	SECTION TITLE
11132	Projection Screens
11160	Loading Dock Equipment
11600	Laboratory Equipment
11610	Chemical Fume Hoods
11615	Radioisotope Fume Hoods
11620	Biological Safety Cabinets, Class II, Type A/B3
11625	Biological Safety Cabinets, Class II, Type B2

DIVISION 12 - FURNISHINGS

SECTION NUMBER	SECTION TITLE
12352	Laboratory Casework
12512	Horizontal Louver Blinds
12670	Entrance Mats And Frames

DIVISION 13 – SPECIAL CONSTRUCTION

SECTION NUMBER	SECTION TITLE
13027	Integrated Unidirectional Flow Ceilings And Laminar Flow Walls
13100	Lightning Protection
13800	Direct Digital Control(DDC) System
13810	Instrumentation And Control Equipment
13820	Laboratory Fume Hood Control System
13845	Sequence Of Operations
13850	Scientific Alarm System
13852	Room Pressurization Monitoring and Alarm System
13855	Oxygen Monitoring Alarm System
13860	Fireman's HVAC Shutdown System
13865	Door Interlock System - Airlocks

DIVISION 14 – CONVEYING SYSTEMS

SECTION NUMBER	SECTION TITLE
14310	Electric Hoist, Monorail, And Motorized Trolley

DIVISION 15 - MECHANICAL

SECTION NUMBER	SECTION TITLE
15000	Mechanical Special Requirements:
15005	Preparation For Testing And Balancing Of HVAC Systems:
15011	Identification Of Mechanical Equipment And Piping Systems:
15015	Mechanical Demolition, Relocation And Alteration:
15050	Pipe, Valves And Fittings For Mechanical Systems:
15080	Pipe Specialties:
15090	Pipe Guides And Anchors
15091	Pipe Sleeves
15092	Pipe Sleeve Seals:
15093	Counterflashing
15094	Pipe Hangers And Supports:
15141	Centrifugal Pumps:
15160	Expansion Compensation
15170	Thermometers, Gauges And Flow Meters:
15175	Expansion Tanks:
15190	Motors And Starters:
15200	Vibration Control For Mechanical Equipment:
15201	Concrete Equipment Foundations, Pads And Curbs
15202	Roof Accessories For Mechanical Equipment:
15250	Pipe Insulation:
15258	Ductwork Insulation:
15261	Mechanical Equipment Insulation

15313	Clean Steam System
15320	Laboratory Gas System
15323	Oil Free Compressed Air System
15324	Vacuum System
15325	Central Cylinder Gas System
15380	Reverse Osmosis Water System
15383	Water For Injection System
15400	Plumbing & Fixtures
15401	Laboratory And Domestic Water System:
15402	Domestic Water Pressure Booster System
15405	Sanitary Drainage System
15406	Storm Drainage System
15407	Laboratory Drainage Systems
15408	Process Waste System
15421	Drains
15423	Cleanouts And Access Covers
15424	Laboratory And Domestic Water Heaters:
15426	Plumbing Specialties:
15450	Plumbing Fixtures And Trim
15500	Wet Pipe And Dry Pipe Water Sprinkler Fire Extinguishing Systems
15608	Propane Gas System
15671	Reciprocating Water Chillers
15700	Water Treatment
15701	Hot Water Heating Piping System
15702	Chilled Water Piping System:
15704	Condensate Drainage Piping System
15705	Glycol/Water Solution And Makeup Piping System:
15710	Steam And Condensate Piping System:
15715	Steam Specialties:
15720	Duplex Steam Condensate Pump And Receiver Sets
15732	Packaged Shell And Tube Heat Transfer Equipment
15740	Hydronic Terminal Units
15748	Baseboard Radiation
15750	Hydronic Heating And Cooling And Steam Heating Coils
15781	Humidifiers:
15790	Pre-Engineered Custom Central Station Air Handling Units
15820	Fans:
15840	Metal Ductwork:
15860	Duct Accessories
15861	Dampers:
15870	Air Terminals
15880	Air Filters:
15890	Sound Attenuators
15895	Terminal Boxes

DIVISION 16 - ELECTRICAL
SECTION SECTION TITLE
NUMBER

16000	Electrical General Requirements
16015	Electrical Demolition, Relocation And Alteration
16052	Sleeves, Inserts And Openings
16055	Concrete Housekeeping Pads And Curbs
16110	Wireways

16111	Conduit
16113	Multi-Outlet Raceway System
16114	Cable Trays
16120	Wires And Cables
16131	Junction And Pull Boxes
16134	Outlet Boxes
16140	Wiring Devices, Outlets And Plates
16155	Individual Motor Starters
16156	Installation Of Air Compressor And Chiller Starters
16158	Motor Control Centers
16159	Individual Variable Frequency Drives
16160	Panelboards
16180	Safety Switches And Fuses
16183	Contactors
16264	Static Uninterruptible Power Supply
16402	Underground Electric Service
16408	Secondary Switchboard
16450	Grounding
16460	Dry-Type Transformers
16463	Pad Mounted Transformers
16501	Lamps And Ballasts
16503	Site Lighting
16510	Building Lighting
16511	Lighting Control Devices
16612	Emergency Diesel Generator
16614	Automatic Transfer Switches
16700	Communication Systems
16725	Addressable Fire Alarm System
16726	Fire Alarm Code Transmitter
16740	Special Raceway Systems
16859	Electric Heating Cables – Pipe Tracing
16930	Exterior Lighting Control System
16995	Testing Electrical Systems

- Notes:
1. Additional sections may be added as required.
 2. Utilize only those sections of the Exhibit required for the content on the specification.
 3. For each section number created, the requirements of Exhibit C are applicable.